



## INSTRUMENT PROCESSING SHEET

Agency Manatee CSOS/N 80-006631Florida Department of  
Law EnforcementDate In 05/26/2023 DI Completion Date 06/16/2023☐ Ship ☒ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By TDG	Quality Checks	By TDG	Date <u>06/13/2023</u>	Flow Calibration	By	Date																																						
<input checked="" type="checkbox"/> Annual <input type="checkbox"/> Registration <input type="checkbox"/> Return from CMI / EE  Visual Inspection: <input checked="" type="checkbox"/> Case <input checked="" type="checkbox"/> Handle <input checked="" type="checkbox"/> Keyboard <input checked="" type="checkbox"/> Dry Gas Shelf <input checked="" type="checkbox"/> Feet <input checked="" type="checkbox"/> Breath Tube <input checked="" type="checkbox"/> Ports <input checked="" type="checkbox"/> Screws Tight  Other Equipment/ Accessories: <input type="checkbox"/> Power cord <input type="checkbox"/> Printer Cable <input type="checkbox"/> Static Bag <input type="checkbox"/> 12V DC Cable  Notes: _____ _____ _____ _____ _____ _____ _____ _____ _____ _____		<input checked="" type="checkbox"/> Breath Tube Screen <input checked="" type="checkbox"/> Replace External O-Rings <input checked="" type="checkbox"/> Instrument Set Up Verified <input checked="" type="checkbox"/> R-Value <u>210</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP104</u> 32 mm <u>0.152</u> (.139 - .169) 36 mm <u>0.167</u> (.156 - .190) 53 mm <u>0.242</u> (.228 - .278) 103 mm <u>0.515</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>26932</u> <input checked="" type="checkbox"/> Stability Checks			Flow Column # _____ <input type="checkbox"/> 5L/min - 17mm <input type="checkbox"/> 15L/min - 53mm <input type="checkbox"/> 30L/min - 103mm <input type="checkbox"/> R-Value _____ <input type="checkbox"/> Post Calibration Verification (L/s) Flow Column # _____ 32 mm _____ (.139 - .169) 36 mm _____ (.156 - .190) 53 mm _____ (.228 - .278) 103 mm _____ (.447 - .547)																																								
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<b>Calibration Adjustment</b> By TDG _____		<b>Department Inspection</b> By TDG _____																																											
Barometric Pressure Gauge <u>1016</u> ID # <u>28199</u>		Barometric Pressure ID# <u>26932</u> Gauge <u>1015</u> Instrument <u>1016</u> Mouth Alcohol Solution Lot # <u>2021-D</u> Acetone Stock Solution Lot # <u>2022-B</u>																																											
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Notes/Suggested Service: Checked breath tube screen and replaced o-rings on 5/30. Replaced battery and finished Quality Checks on 6/13. (TDG) _____ _____ _____ _____ _____ _____ _____ _____ _____ _____		<input checked="" type="checkbox"/> Instrument Complies with Chapter 11D-8, FAC <input type="checkbox"/> Instrument Does Not Comply with Chapter 11D-8, FAC <input checked="" type="checkbox"/> Return to/Place into Evidentiary Use <input type="checkbox"/> Remain Out of Evidentiary Use <input checked="" type="checkbox"/> Conduct an Agency Inspection Before Evidentiary Use																																											
Israel Soto <small>Digitally signed by Israel Soto Date: 2023.06.19 08:23:47 +04'00'</small>		Phil Nicodemo <small>Digitally signed by Phil Nicodemo Date: 2023.06.19 08:41:43 -04'00'</small>																																											
Tech Review / Date _____		Admin Review / Date _____																																											



Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-004631	Manatee CSO	06/13/2023	TDG <i>ML</i>

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
0.047 to 0.053	0.077 to 0.083	0.194 to 0.206	0.077 to 0.083
✓	✗	✓	✓
<div>MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 06/13/2023 Software: 8100.27  SN 80-006631</div> <div>Testg/210LTime Air Blank0.00012:58 Control Test0.04812:59 Air Blank0.00012:59 Control Test0.04813:00 Air Blank0.00013:01 Control Test0.04713:01 Air Blank0.00013:02 Control Test Stats Average0.0477 Std Dev0.0006 Rel Std Dev(%)1.2112</div> <div>Operator's Signature ML</div>	<div>MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 06/13/2023 Software: 8100.27  SN 80-006631</div> <div>Testg/210LTime Air Blank0.00013:05 Control Test0.07713:06 Air Blank0.00013:07 Control Test0.07613:07 Air Blank0.00013:08 Control Test0.07713:08 Air Blank0.00013:09 Control Test Stats Average0.0767 Std Dev0.0006 Rel Std Dev(%)0.7531</div> <div>Operator's Signature ML</div>	<div>MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 06/13/2023 Software: 8100.27  SN 80-006631</div> <div>Testg/210LTime Air Blank0.00013:14 Control Test0.19713:14 Air Blank0.00013:15 Control Test0.19613:16 Air Blank0.00013:16 Control Test0.19613:17 Air Blank0.00013:17 Control Test Stats Average0.1963 Std Dev0.0006 Rel Std Dev(%)0.2941</div> <div>Operator's Signature ML</div>	<div>MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 06/13/2023 Software: 8100.27  SN 80-006631</div> <div>Testg/210LTime Air Blank0.00012:53 Control Test0.07812:53 Air Blank0.00012:53 Control Test0.07812:54 Air Blank0.00012:54 Control Test0.07812:55 Air Blank0.00012:55 Control Test Stats Average0.0780 Std Dev0.0000 Rel Std Dev(%)0.0000</div> <div>Operator's Signature ML</div>

Comments:

MANATEE COUNTY SO  
Intoxilizer - Alcohol Analyzer  
Model 8000  
06/16/2023  
SN 80-006631  
09:54:20

Auto Calibration  
Max Power Res Value = 44  
Auto Range Res Value = 28

-----  
<<<< CHANNEL 2 >>>>  
Sample % Abs (% Abs Ref)  
Sample #1 = 1.5430 (0.0000)  
Sample #2 = 1.5320 (0.0110)  
Sample #3 = 1.5510 (0.0000)  
Sample #4 = 1.5450 (0.0000)  
Avg % Abs = 1.5427 (0.0037)  
STD DEV = 0.0097 (0.0064)  
REL STD DEV = 0.630 (173.205)  
-----

Sol Value = 0.100 g/210L \*\*\*  
Fit Value = 0.4762 mg/l %%%  
Samples Taken = 4, Discarded = 1  
Sum Io = 12482, Sum Io = 12761  
-----

<<<< CHANNEL 1 >>>>  
Sample % Abs (% Abs Ref)  
Sample #1 = 1.7550 (-0.0170)  
Sample #2 = 1.7510 (-0.0050)  
Sample #3 = 1.7310 (0.0230)  
Sample #4 = 1.7870 (-0.0010)  
Avg % Abs = 1.7563 (0.0057)  
STD DEV = 0.0284 (0.0151)  
REL STD DEV = 1.616 (267.243)  
-----

Sol Value = 0.000 g/210L \*\*\*  
Fit Value = 0.0000 mg/l %%%  
Samples Taken = 4, Discarded = 1  
Sum Io = 12490, Sum Io = 12766  
-----

<<<< CHANNEL 1 >>>>  
Sample % Abs (% Abs Ref)  
Sample #1 = 0.0630 (-0.0230)  
Sample #2 = 0.0240 (0.0080)  
Sample #3 = 0.0220 (0.0150)  
Sample #4 = 0.0530 (0.0030)  
Avg % Abs = 0.0330 (0.0087)  
STD DEV = 0.0173 (0.0060)  
REL STD DEV = 52.574 (69.551)  
-----

<<<< CHANNEL 2 >>>>  
Sample % Abs (% Abs Ref)  
Sample #1 = 0.1240 (-0.0070)  
Sample #2 = 0.1280 (-0.0030)  
Sample #3 = 0.1300 (0.0030)  
Sample #4 = 0.1330 (0.0000)  
Avg % Abs = 0.1303 (0.0000)  
STD DEV = 0.0025 (0.0030)  
REL STD DEV = 1.931 (0.000)  
-----

Sol Value = 0.040 g/210L \*\*\*  
Fit Value = 0.1905 mg/l %%%  
Samples Taken = 4, Discarded = 1  
Sum Io = 12486, Sum Io = 12764  
-----

<<<< CHANNEL 1 >>>>  
Sample % Abs (% Abs Ref)  
Sample #1 = 0.7660 (-0.0140)  
Sample #2 = 0.7350 (0.0170)  
Sample #3 = 0.7570 (0.0030)  
Sample #4 = 0.7350 (0.0090)  
Avg % Abs = 0.7423 (0.0097)  
STD DEV = 0.0127 (0.0070)  
REL STD DEV = 1.711 (72.660)  
-----

<<<< CHANNEL 2 >>>>  
Sample % Abs (% Abs Ref)  
Sample #1 = 3.5740 (-0.0250)  
Sample #2 = 3.5670 (-0.0020)  
Sample #3 = 3.5610 (0.0040)  
Sample #4 = 3.5990 (-0.0100)  
Avg % Abs = 3.5757 (-0.0027)  
STD DEV = 0.0204 (0.0070)  
REL STD DEV = 0.571 (263.391)  
-----

Sol Value = 0.200 g/210L \*\*\*  
Fit Value = 0.9524 mg/l %%%  
Samples Taken = 4, Discarded = 1  
Sum Io = 12478, Sum Io = 12760  
-----

<<<< CHANNEL 1 >>>>  
Sample % Abs (% Abs Ref)  
Sample #1 = 3.3940 (-0.0050)  
Sample #2 = 3.3900 (0.0150)  
Sample #3 = 3.4390 (-0.0090)  
Sample #4 = 3.3930 (0.0290)  
Avg % Abs = 3.4073 (0.0117)  
STD DEV = 0.0275 (0.0192)  
REL STD DEV = 0.806 (164.726)  
-----

\*\*\*\*\* AUTO CAL DATA \*\*\*\*\*

<<<< CHANNEL 1 >>>>  
Sol Val = 0.0000 mg/l or 0.000 g/210L  
% Abs = 0.033  
Std Dev = 0.02 Rel Std Dev = 52.57  
Sol Val = 0.1905 mg/l or 0.040 g/210L  
% Abs = 0.742  
Std Dev = 0.01 Rel Std Dev = 1.71  
Sol Val = 0.4762 mg/l or 0.100 g/210L  
% Abs = 1.756  
Std Dev = 0.03 Rel Std Dev = 1.62  
Sol Val = 0.9524 mg/l or 0.200 g/210L  
% Abs = 3.407  
Std Dev = 0.03 Rel Std Dev = 0.81  
Sol Val = 1.4286 mg/l or 0.300 g/210L  
% Abs = 5.000  
Std Dev = 0.01 Rel Std Dev = 0.29  
Zero Order Coef = -101.66  
First Order Coef = 2705.25  
Second Order Coef = 34.60  
Standard Deviation = 12.868352  
-----

<<<< CHANNEL 2 >>>>  
Sol Val = 0.0000 mg/l or 0.000 g/210L  
% Abs = 0.130  
Std Dev = 0.00 Rel Std Dev = 1.93  
Sol Val = 0.1905 mg/l or 0.040 g/210L  
% Abs = 1.543  
Std Dev = 0.01 Rel Std Dev = 0.63  
Sol Val = 0.4762 mg/l or 0.100 g/210L  
% Abs = 3.576  
Std Dev = 0.02 Rel Std Dev = 0.57  
Sol Val = 0.9524 mg/l or 0.200 g/210L  
% Abs = 6.808  
Std Dev = 0.02 Rel Std Dev = 0.25  
Sol Val = 1.4286 mg/l or 0.300 g/210L  
% Abs = 9.853  
Std Dev = 0.01 Rel Std Dev = 0.08  
Zero Order Coef = -174.97  
First Order Coef = 1329.23  
Second Order Coef = 14.04  
Standard Deviation = 3.346587  
-----

Sol Value = 0.300 g/210L \*\*\*  
Fit Value = 1.4286 mg/l %%%  
Samples Taken = 4, Discarded = 1  
Sum Io = 12475, Sum Io = 12759  
-----

<<<< CHANNEL 1 >>>>  
Sample % Abs (% Abs Ref)  
Sample #1 = 5.0380 (-0.0200)  
Sample #2 = 5.0090 (0.0250)  
Sample #3 = 5.0070 (0.0080)  
Sample #4 = 4.9830 (0.0350)  
Avg % Abs = 4.9997 (0.0227)  
STD DEV = 0.0145 (0.0137)  
REL STD DEV = 0.289 (60.222)  
-----

<<<< CHANNEL 2 >>>>  
Sample % Abs (% Abs Ref)  
Sample #1 = 9.8950 (-0.0040)  
Sample #2 = 9.8450 (0.0450)  
Sample #3 = 9.8610 (0.0370)  
Sample #4 = 9.8520 (0.0380)  
Avg % Abs = 9.8527 (0.0403)  
STD DEV = 0.0080 (0.0049)  
REL STD DEV = 0.081 (12.230)  
-----

### Optical Calibration

SN: 80-006631

Agency: Manatee CSO

Date: 06/16/2023

Quadratic Fit: +/- 0.002g/210L ✓

By: TDG MG

-----  
Solution Stats Quadratic Fit Chan 2  
Act Fit Residual  
g/210L g/210L g/210L  
-0.000 -0.000 0.000  
0.040 0.040 -0.0001  
0.100 0.100 0.0001  
0.200 0.200 -0.0000  
0.300 0.300 0.0000  
-----

Sol Value = 0.080 g/210L \*\*\*  
Fit Value = 0.3810 mg/l %%%  
Samples Taken = 4, Discarded = 1  
-----

<<<< CHANNEL 1 >>>>  
Sample #1 = 3382.00  
Sample #2 = 3377.00  
Sample #3 = 3430.00  
Sample #4 = 3430.00  
Average Result = 3412.3333  
STD DEV = 30.5996  
REL STD DEV = 0.897  
-----





<<<< CHANNEL 2 >>>>  
Sample #1 = 3326.00  
Sample #2 = 3345.00  
Sample #3 = 3353.00  
Sample #4 = 3345.00  
Average Result = 3347.6667  
STD DEV = 4.6188  
REL STD DEV = 0.138  
-----

\*\*\*\*\*  
Dry Gas H2O Adjust Results \*\*\*\*\*  
Barometric Pressure = 1015  
3 um H2O Adjust (mg/l x 10,000) = 397  
9 um H2O Adjust (mg/l x 10,000) = 462  
\*\*\*\*\* AUTO CAL PASS \*\*\*\*\*

-----  
Solution Stats Quadratic Fit Chan 1  
Act Fit Residual  
g/210L g/210L g/210L  
0.000 -0.000 0.0003  
0.040 0.040 -0.0004  
0.100 0.100 0.0001  
0.200 0.200 0.0001  
0.300 0.300 -0.0001  
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Type of Test	Serial Number	Agency	Date	Performed By
Stabilities (Post-Cal)	80-006631	Manatee CSO	06/16/2023	TDG MK

0.05g/210L		0.08g/210L		0.20g/210L		DGS 0.08g/210L	
0.047 to 0.053		0.077 to 0.083		0.194 to 0.206		0.077 to 0.083	
<div>MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 06/16/2023 Software: 8100.27</div> <div>Test g/210L Time</div> <div>Air Blank 0.000 11:21</div> <div>Control Test 0.049 11:22</div> <div>Air Blank 0.000 11:23</div> <div>Control Test 0.048 11:23</div> <div>Air Blank 0.000 11:24</div> <div>Control Test 0.048 11:24</div> <div>Air Blank 0.000 11:25</div> <div>Control Test Stats</div> <div>Average 0.0483</div> <div>Std Dev 0.0006</div> <div>Rel Std Dev(%) 1.1945</div> <div>Operator's Signature </div>		<div>MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 06/16/2023 Software: 8100.27</div> <div>Test g/210L Time</div> <div>Air Blank 0.000 11:28</div> <div>Control Test 0.078 11:29</div> <div>Air Blank 0.000 11:29</div> <div>Control Test 0.078 11:30</div> <div>Air Blank 0.000 11:31</div> <div>Control Test 0.078 11:31</div> <div>Air Blank 0.000 11:32</div> <div>Control Test Stats</div> <div>Average 0.0780</div> <div>Std Dev 0.0000</div> <div>Rel Std Dev(%) 0.0000</div> <div>Operator's Signature </div>		<div>MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 06/16/2023 Software: 8100.27</div> <div>Test g/210L Time</div> <div>Air Blank 0.000 11:35</div> <div>Control Test 0.199 11:36</div> <div>Air Blank 0.000 11:37</div> <div>Control Test 0.199 11:37</div> <div>Air Blank 0.000 11:38</div> <div>Control Test 0.199 11:39</div> <div>Air Blank 0.000 11:39</div> <div>Control Test Stats</div> <div>Average 0.1990</div> <div>Std Dev 0.0000</div> <div>Rel Std Dev(%) 0.0000</div> <div>Operator's Signature </div>		<div>MANATEE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 06/16/2023 Software: 8100.27</div> <div>Test g/210L Time</div> <div>Air Blank 0.000 11:40</div> <div>Control Test 0.079 11:40</div> <div>Air Blank 0.000 11:41</div> <div>Control Test 0.078 11:41</div> <div>Air Blank 0.000 11:42</div> <div>Control Test 0.078 11:42</div> <div>Air Blank 0.000 11:43</div> <div>Control Test Stats</div> <div>Average 0.0783</div> <div>Std Dev 0.0006</div> <div>Rel Std Dev(%) 0.7370</div> <div>Operator's Signature </div>	

Comments:

# Florida Department of Law Enforcement Alcohol Testing Program

## DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MANATEE COUNTY SO  
Time of Inspection: 13:25

Date of Inspection: 06/16/2023

Serial Number: 80-006631  
Software: 8100.27

Check or Test	YES	NO	Check or Test	YES	NO
Diagnostic Check (Pre-Inspection): OK	Yes		Date and/or Time Adjusted		No
Minimum Sample Volume Check: OK	Yes		Barometric Pressure Sensor Check: OK	Yes	
Alcohol Free Subject Test: 0.000	Yes		Mouth Alcohol Test: Slope Not Met	Yes	
Interferent Detect Test: Interferent Detect	Yes		Diagnostic Check (Post-Inspection): OK	Yes	

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#:202201C Exp: 01/11/2024	0.08g/210L Test (g/210L) Lot#:202201D Exp: 01/18/2024	0.20g/210L Test (g/210L) Lot#:202201E Exp: 01/18/2024	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG223802 Exp: 08/26/2024
0.000	0.049	0.078	0.199	0.079
0.000	0.049	0.078	0.199	0.078
0.000	0.049	0.078	0.200	0.078
0.000	0.049	0.078	0.200	0.079
0.000	0.049	0.078	0.199	0.078
0.000	0.049	0.078	0.199	0.078
0.000	0.049	0.078	0.200	0.078
0.000	0.049	0.078	0.199	0.078
0.000	0.049	0.079	0.199	0.078
0.000	0.049	0.078	0.199	0.078

Standard Deviations	0.0000	0.0003	0.0004	0.0004
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0002 Number of Simulators Used: 5

Remarks:

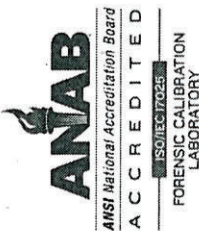
The above instrument complies ( ☒ ) does not comply ( ☐ ) with Chapter 11D-8, FAC.

I certify that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

Taylor D Gutschow TAYLOR D GUTSCHOW  
Signature and Printed Name

06/16/2023  
Date





# Calibration Certificate

Florida Department of Law Enforcement  
Alcohol Testing Program  
4700 Terminal Drive, Suite 1  
Ft. Myers, FL 33907

This is to certify the calibration of Intoxilyzer 8000 serial number 80-006631, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-006631	UNCERTAINTY* $\pm$
Owning Agency:	MANATEE COUNTY SO	0.050 g/ 210 L 0.004
Calibration Date:	06/16/2023	0.080 g/ 210 L 0.004
Calibration Time:	13:25	0.200 g/ 210 L 0.007
		0.080 g/ 210 L Dry Gas Control 0.005

All results are reported in g/ 210 L.

Bias is limited by calibration acceptance criteria. All calibration results must be within  $\pm 0.005$  or 5%, whichever is greater, of the target alcohol concentration.

\*Uncertainty is based on fleet-wide data and is expressed to a 99.73% level of confidence ( $k=3$ ).

The instrument results before and after any adjustment are found in the associated pre and post stability checks.

## TRACEABILITY INFORMATION

This instrument was calibrated using solutions prepared by Alcohol Countermeasure Systems, Inc. (ACS). ACS prepared and certified these CRMs in accordance with ISO 17034 and ISO/ IEC 17025 Standards.

Simulator temperatures are traceable to NIST. Simulator temperatures are checked with NIST traceable digital thermometers calibrated by Precision Metrology in accordance with ISO/ IEC 17025 standards.

Dry gas control measurements are traceable to NIST through the use of CRMs supplied by an accredited CRM supplier. The supplier of dry gas standard controls prepared and certified the CRMs in accordance with ISO Guide 34 and ISO/ IEC 17025 standards. This document shall not be reproduced except in full, without written approval of the Florida Department of Law Enforcement Alcohol Testing Program.

06/16/2023

Date

  
TAYLOR D GUTSCHOW,

Department Inspector

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

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